BRUHAT BANGALORE MAHANAGARA PALIKE

PWD FORM - 45 (WORK SLIP)

Name of Work: Construction of Burial Ground Compound Wall (Balance Work) at Sampigehalli in Ward No.05, Byatarayanapura Sub Division.

Name of Agency: Sri K. Keshavamurthy, Contractor, Sampigehalli, Jakkur Post, Bangalore - 64.

Estimated Cost: 30,00,000.00

D.R. No.

Tender Amount : Rs. 29,10,477.96 Lakhs

Work Order No. EE/BTP/BBMP/E-PMT/18(11504)/WO/550/2013-14 Dated: 28.02.2014.

SL. No.	Description	Unit	Qty. as per Sanctioned Estimate			Qty. as per Tender			Actual executed Qty.	Qty. as per Actuals upto 125%			Qty. as per Actuals above 125%			Total Executed Amount	Savings	Excess	Remarks
			Qty.	Rate	Amount	Qty.	Rate	Amount		Qty.	Rate	Amount	Qty.	Rate 2014-15+ T.P	Amount				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
1	KSRRB 300-1. Earth work excavation by manual means in **hard soil** involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated	cum	299.70	90.72	27188.78	299.70	89.77	26904.07	159.24	159.24	89.77	14295.00	0.00	0.00	0.00	14295.00	12609.07		
2	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite	Cum	49.95	4290.84	214327.46	49.95	4245.79	212077.21	54.66	54.66	4245.79	232075.00	0.00	0.00	0.00	232075.00		19997.79	
3	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry **in foundation** with cement mortar 1:6, stone hammerd dressed in courses not	cum	208.13	3549.96	738853.17	208.13	3512.7	731096.17	22.46	22.46	3512.69	78909.00	0.00	0.00	0.00	78909.00	652187.17		
4	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry **in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 Page No. 26/ Item No. 5.9/ PWD SR 2013-14	Sqm	99.90	4227.12	422289.29	99.90	4182.74	417855.73	14.04	14.04	4182.74	58726.00	0.00	0.00	0.00	58726.00	359129.73		
5	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix **M10** withOPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and	cum	29.60	4737.96	140243.62	29.60	4688.21	138771.02	64.61	37.00	4688.21	173464.00	27.61	5232.16	144470.00	317934.00		179162.98	
6	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not les than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid	Sqm	666.00	924.48	615703.68	666.00	914.77	609236.82	604.00	604.00	914.77	552520.00	0.00	3739.49	0.00	552520.00	56716.82		

	SRB 15.1.3: Providing **FLush pointing** to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing	Sqm	333.00	79.92	26613.36	333.00	79.08	26333.64	31.20	31.20	79.08	2467.00	0.00	4428.01	0.00	2467.00	23866.64		
8	KSRRB M400-17: Providing, laying spreading and compacting graded stones aggregate to **wet mix macadam** specifications including premixing the material with water at OMC in	Cum	240.00	1121.04	269049.60	240.00	1109.27	266224.80	0.00	0.00	1109.27	0.00	0.00	90.54	0.00	0.00	266224.80		
9	KSRRB 500-4: providing and applying **primer coat** from 7.5 to 9.8 kg and 9.8 to 12.2kg per 10 sqm for surfaces of low and medium porosity respectively over prepared surface of granular base with cut bank M.C-70 or any other bitumen	Sqm	1200.00	100.60	120720.00	1200.00	99.54	119448.00	0.00	0.00	99.54	0.00	0.00	5193.38	0.00	0.00	119448.00		
10	KSRRB M500-18: Providing and laying **semi dense bituminous concrete 25mm thick** with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading,	Cum	30.00	9631.44	288943.20	30.00	9530.31	285909.30	0.00	0.00	9530.31	0.00	0.00	0.00	0.00	0.00	285909.30		
11	Providing and laying reinforced cement concrete pipe NP3 for culverts including pointing ends, and fixing collars with cement mortar 1:2 including cost of all materials, labour, curing complete as per specifications, specification No. KSRB	Mtrs	2.50	9087.12	22717.80	2.50	8991.71	22479.28	0.00	0.00	8991.71	0.00	0.00	0.00	0.00	0.00	22479.28		
12	KSRB 2-2.1 : earth work excavation for foundation of buildings, culverts water supply, sanitary line and electrical conduits either in pits or in trenches 1.5m and above in width, in **Hard soil** not exceeding 1.5m, in depth including	Cum	1.69	227.88	385.12	1.69	225.49	381.08	0.00	0.00	225.49	0.00	0.00	0.00	0.00	0.00	381.08		
13	KSRB-4-1.3 : Providing and laying in position **plain cement concrete of mix M 7.5** withOPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not,	Cum	2.05	4290.84	8796.22	2.05	4245.79	8703.87	0.00	0.00	4245.79	0.00	0.00	0.00	0.00	0.00	8703.87		
14	KSRB 5.2.3 Providing and constructing granite / trap / basalt Size stone masonry **in foundation** with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including	cum	1.35	3549.96	4792.45	1.35	3512.69	4742.13	0.00	0.00	3512.69	0.00	0.00	0.00	0.00	0.00	4742.13		
15	KSRB 5.3-3 Providing and constructing granite / trap / basalt size stone masonry **in basement** with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course	Cum	1.35	4227.12	5706.61	1.35	4182.74	5646.70	0.00	0.00	4182.74	0.00	0.00	0.00	0.00	0.00	5646.70		

16	KSRB-4-1.6 : Providing and laying in position plain cement concrete of mix **M15** withOPC cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2/ P.No. 12/ Item No. 4.6/ PWD SR 2013-14	Cum	2.05	4779.00	9796.95	2.05	4728.82	9694.08	0.00	0.00	4728.82	0.00	0.00	0.00	0.00	0.00	9694.08		
17	KSRB 15.1.3: Providing **FLush pointing** to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. Page No. 122/ Item No. 15.1/ PWD SR 2013-14	Sqm	3.60	79.92	287.71	3.60	79.08	284.69	0.00	0.00	79.08	0.00	0.00	0.00	0.00	0.00	284.69		
18	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete. Page No. 28/ Item No. 5.30/ PWD SR 2013-14	No.	30.00	267.84	8035.20	30.00	265.03	7950.90	0.00	0.00	265.03	0.00	0.00	0.00	0.00	0.00	7950.90		
19	Earth work excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m , in depth including dressing the bottom and sides	Cum	13.50	227.88	3076.38	13.50	225.49	3044.12	0.00	0.00	225.49	0.00	0.00	0.00	0.00	0.00	3044.12		
20	Providing and instalation at site of works P.V.C.Pipes including cost of pipes and specials and incluidng lowring into trenches, laying true to line, level and perfect linking at joints, leak proof including jointing encasing the pipe	Rmtr	30.00	157.00	4710.00	30.00	154.96	4648.80	0.00	0.00	154.96	0.00	0.00	0.00	0.00	0.00	4648.80		
21	KSRB 2-4 : Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50mm, and lift upto 1.5m, including cost of all labour	Cum	13.50	59.36	801.36	13.50	58.74	792.99	0.00	0.00	58.74	0.00	0.00	0.00	0.00	0.00	792.99		
22	Elbow, Page No. XXXV PWD SR-2013-14	No	6.00	111.80	670.80	6.00	110.63	663.78	0.00	0.00	110.63	0.00	0.00	0.00	0.00	0.00	663.78		

	e Page No. XXXV PWD SR-2013-14	No	6.00	169.00	1014.00	6.00	167.23	1003.38	0.00	0.00	167.23	0.00	0.00	0.00	0.00	0.00	1003.38		
	Union Page No. XXXV PWD SR-2013-14	No	2.00	223.70	447.40	2.00	221.35	442.70	0.00	0.00	221.35	0.00	0.00	0.00	0.00	0.00	442.70		
25	Nipple Page No. XXXV PWD SR-2013-14	No	6.00	104.30	625.80	6.00	103.20	619.20	0.00	0.00	103.20	0.00	0.00	0.00	0.00	0.00	619.20		
26	KSRB 13-6.3-6: Providing and fixing in position brass gate valve with C.I. wheel of approved quality (screwed end) 50mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as	Each	2	1493.00	2986.00	2	1477.32	2954.64	0.00	0.00	1477.32	0.00	0.00	0.00	0.00	0.00	2954.64		
27	Labour Charges for giving 50mm dia G.I Pipe end connection from rising main to cistern including cutting thereasding conceying laying an d jointing etc, complete inclusive of fixing 4 Nos. of 20mm dia G.I Pipess with taps to the	Each	1.00	1388.00	1388.00	1.00	1367.18	1367.18	0.00	0.00	1367.18	0.00	0.00	0.00	0.00	0.00	1367.18		
28	Errection of RCC Hume pipe pump house/Cistern on size stone masory platform including trasportation charges and handing with all necessary tools and plants complete as directed by the Engineer in charge of work. PRED SR	Each	1.00	1220.00	1220.00	1.00	1201.70	1201.70	0.00	0.00	1201.70	0.00	0.00	0.00	0.00	0.00	1201.70		
29	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum	299.70	67.32	20175.80				128.62	128.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
								EIRL											
30	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and	cum							114.10				114.10	145.34	16583.00	16583.00		16583.00	
31	Removing B.S Slab of Drain and stacking Page No.25/ Item No. 5.32/ PWD SR 2014-15	Sqm							1076.63				1076.63	57.71	62129.00	62129.00		62129.00	
32	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 25/ Item No. 5.33/ PWD SR 2014-15	Sqm							1076.63				1076.63	74.81	80538.00	80538.00		80538.00	
33	quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick Page No.25/ Item No. 5.31.1/ PWD SR 2014-15	Sqm							358.88				358.88	632.65	227041.00	227041.00		227041.00	

33	KSRB 4.2.2 : Providing and laying in position plain cement concrete of mix **M20** withOPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum with superplastesisre @ 3lts conforming to IS9103-1999Reffirmed machine mixed exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls(any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc, including cost of all materials, labour HOM of machinery, curing, complete as per specifications. Specification. No. KBS 4.1,4.6, No. KBS 4.1,4.6, No. 13/ Item No. 4.11/ PWD SR 2014-15	**Cum**							11.39	6065.28	**69083.54**	11.39	6065.28	69083.54	_	_	_	**69083.54**	69083.54		
34	KSRB 4.9.2:providing **T.M.T steel** reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 Page No. 17/ Item No. 4.46/ PWD SR 2014-15	**Tone**							1.05	78351.84	**82269.43**	1.05	78351.84	82269.43	_	_	_	**89321.10**	89321.10		
35	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shutterng machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab	Sqm							603.30	1856.67	**1120129.01**	603.30	1856.67	1120129.01	_	_	_	**1120129.01**	1120129.01		
36	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							265.43	67.32	**17868.75**	265.43	67.32	17868.75	_	_	_	**14819.15**	14819.15		
Total					**2941389.96**			**2910477.96**			**2910140.05**			**2909907.51**				**2910075.54**	**1862411.59**	**1862814.01**	

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